

FX-090-F75-F/F

SPD - for data, signalling and telecommunications lines / Coaxial lines / ST1 (FX)

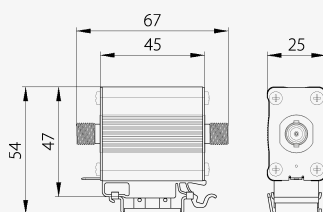
Lightning current arrester for common coaxial lines of receivers

F Connectors 75 Ω

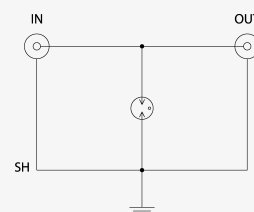
- lightning current arrester with grounded shielding
- installation at the boundary of LPZ 0 and LPZ 1 zones at the line entry into building
- for protection of coaxial lines of TV/SAT receivers and CCTV systems, suitable as the 1st level of surge protection in coordination with the SX type
- suitable for DC power distribution
- lower U_p (core-PE)



Product dimensions



Basic circuit diagram



Parameter name	Parameter value
Type of SPD	D1,C2
Location of SPD	ST 1
Mounting	DIN rail 35 mm
Maximum operating voltage	U_c 70.00 V DC
Nominal load current	I_L 4.000 A
Frequency range	f 0,00 - 2300,00 MHz
Impedance	Z 75 Ω
Insertion loss	0.60 dB
VSWR typ. (max.)	VSWR 1,2 (1,5)
D1 impulse discharge current (10/350 μs) core-PE	I_{imp} 2.50 kA
C2 nominal discharge current (8/20 μs) core-PE	I_n 10.00 kA
C3 voltage protection level mode core-PE at 1 kV/μs	U_p 1 200.00 V
Response time core-PE	t_a 100 ns

Connection (input - output)	F 75
Degree of protection	IP 20
Range of ambient temperatures (min/max)	-40 / 80 °C
Humidity	5 - 95 %
According to standard	EN 61643-21+A1,A2:2013, IEC 61643-21+A1,A2:2012
ETIM Class	EC001466
Customs tariff number	85363010
EAN	8595090542124
Order number	A04212

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